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RAW SEQUENCE LISTING   DATE: 09/19/2001
PATENT APPLICATION: US/09/881,556   TIME: 13:51:25

Input Set : A:\90000051.app
Output Set: N:\CRF3\09192001\I881556.raw

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 3 <110> APPLICANT: Simonsen, J. Neil
 5 <120> TITLE OF INVENTION: Cryptosporidium Parvum Antigens, Antibodies Thereto and
 6       Diagnostic and Therapeutic Compositions Thereof
 8 <130> FILE REFERENCE: 9000-0054
10 <140> CURRENT APPLICATION NUMBER: 09/881,556
C--> 11 <141> CURRENT FILING DATE: 2001-09-10
13 <150> PRIOR APPLICATION NUMBER: 60/212,083           ENTERED
14 <151> PRIOR FILING DATE: 2000-06-15
16 <160> NUMBER OF SEQ ID NOS: 6
18 <170> SOFTWARE: PatentIn Ver. 2.1
20 <210> SEQ ID NO: 1
21 <211> LENGTH: 800
22 <212> TYPE: DNA
23 <213> ORGANISM: Artificial Sequence
25 <220> FEATURE:
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31 caataccaac cacaaagatt ctggttttaaa tgataaaata tttgaaatga ttacagatga 180
32 attcaaaaaa ttgacctttta gcttgtccaa agaattaaat gattcggttt cttcagcaat 240
33 tagcaagtat ttagaaccga tcgaacgtga tatacatcta ttaagtcgca tttgtcagga 300
34 atcgagaagt ctgttgataa ttatgttaat atcaatgaaa tttctaaaat tgaaacaaat 360
35 gttaaggaac ttcttacaag tacaaatgag aaattaacaa gcatcgacac ttgtatttcg 420
36 aggcttgttg gcgaatctag aagcgttcgt gaaaaagtga ctaaattaaa taaacaatgc 480
37 gataacatta actcgaatcc aatagacaac tttactcaag tagtagcaga ttcatttggg 540
38 acattaacta atgcagttac tcaattgcaa acaactgtta atcgtttgga attacagatc 600
39 agtaatggaa taccactaaa aacgtcttac accagataac tcaattacaa taagagcgcc 660
40 ccaaaacata gctttgcaaa ttgatgatgc cttaaaccaa aacattacga tcggcatttc 720
41 ggatagcaat tctggatcaa tctaactcta tctcaatcag ataagagaga aatccaagcg 780
42 gagaatgttt tgttttgaac                                            800
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48 <213> ORGANISM: Artificial Sequence
50 <220> FEATURE:
51 <223> OTHER INFORMATION: Description of Artificial Sequence:C. Parvum AG1
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54 cttgcatata agtttgaccc atgtgtttgg ttggatgatc cagcttccta ttagccatcc 60
55 agtaatatta ggaatttcaa aaattttgag cgatactctt cctcatttaa ttgaatcttt 120
56 aaagaccagc tgtaattttt ctcaaattag ctgcatttca gatttaaaat tgagaatatt 180
57 atggataaaa gaaaccattc actgttttga accatttact gatactctta cacctagtga 240
58 gtaatgcaaa tactaaatga aatttcagaa gtatgaacaa atgcattagc attataaatt 300
59 cggttagcga tgcaagtaaa agcatgaact atattgtacc tgcatgcttc acggatgggt 360
60 cgatcatcag tgatattact agcatattaa ggcatattag aaggacaact agaaatatta 420
61 catctggaat gaaataaatt aataaggggt agaattagat attttttcatg taaataaatt 480
62 agcgttattg aggattattc gaaataaata atagagatat taagtttagt ttttatttaa 540
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76 acgatgcaaa gtcattattt gttttaaatc cagatggatc cggaattttg aaaaacattt 120
77 ctactaaatt cgaaattaaa tttgagcttg gcttgataaa tggtagttgg ctcggaggtg 180
78 atatttttat ccttgatagg aaacacgctc ttgaagctgt aagttattca atcgcttgtg 240
79 ttttctatac aaaaacatgt tttgaaaaga atgaagcaca ttgtcttaaa ccctttaatc 300
80 gcgctgagaa taaaatgact tttggttctg agaaagactt agcgacaact ctccaatctt 360
81 ctaattctga atattatctt ttccttacat ggaataactg cattcttgga tatattccaa 420
82 ttaacacaaa taaaatcaac aaaatttctc ttgaaagttc cggagaaaac tcaatctcca 480
83 caattggata ttggagtatt atcgatggat tttcttcttc tttaattaaa catgcgccta 540
84 taaaagaaaa tggccacttg aataatcaag aatcaaaata ttcaaaatga aataatgaag 600
85 ccactaaact caacaaatcc agaatcaggt gggaataact taactcagaa ccaaaacaca 660
86 aagcctcatc cagttgttag accgcatcct acagaaaagc                       700
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100 ccttctgtta ctattccaga gactggatca gactcagatc acgcgccttg tgacaattcc 180
101 agagactgga tcagttcaaa tcatcttctg ctactatacc agaaacagga tccagctcag 240
102 atcacactct gctacttctc cagaagaagg attggactca gaacgttacc aatcacttct 300
103 acagaacaaa ctcaaagcca gctacatatc ctaaccaaga aaatgaaaat cataataatc 360
104 aggaaggtaa ttcgagtttt aatacactaa atcttccaaa tcaacccaat ctttcacgca 420
105 agctggcaga tgtggaaagt tatggggaaa aggataaaat ggttgatggt gagcaagtaa 480
106 tcactaaaaa tgacattatt gaagatactt cgaaagaaat tagaaacaaa atgtaaagta 540
107 tctgcattga taaatatggc cttagccatt tccaaatatc taaattgtca actcaagtaa 600
108 aaaaaaaaaa aaaaaactc gag                                          623
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117 <223> OTHER INFORMATION: Description of Artificial Sequence:5' AG1 Primer
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124 <211> LENGTH: 33
125 <212> TYPE: DNA
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126 <213> ORGANISM: Artificial Sequence
128 <220> FEATURE:
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131 <400> SEQUENCE: 6
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VERIFICATION SUMMARY
PATENT APPLICATION: US/09/881,556

DATE: 09/19/2001
TIME: 13:51:26

Input Set : **A:\90000051.app**
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L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date